

Amendments to the Claims:

After current amendments to the claims, a complete listing of all claims in the application is as follows:

1. (Original) A medical retrieval device comprising:
- a handle;
 - an actuator having an axis of rotation and being mounted to said handle for rotational movement with respect thereto; and
 - a basket having at least three legs, an adjacent two of said legs being connected to a first location on said actuator radially spaced apart from said axis of rotation, and the remainder of said legs being connected to a second location on said actuator radially spaced apart from said axis of rotation such that rotation of said actuator displaces said two legs in a first direction with respect to said sheath and displaces the remainder of said legs in a second direction different from said first direction.

2. (Original) The medical retrieval device of Claim 1, further comprising a slide attached to said handle for longitudinal movement with respect thereto along a path between a rearward location and a forward location,

wherein said actuator is rotatably mounted to said handle by said actuator being rotatably mounted to said slide which in turn is mounted to said handle.

3. (Original) The medical retrieval device of Claim 2, further comprising:

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a hollow sheath fixedly mounted to and extending forward from said handle, said sheath having a forward end, and said basket being located at a forward end of said sheath, said basket being operatively associated with said slide such that said basket is retracted within a forward portion of said sheath when said slide is in said rearward location, and said basket being extended forward of said forward end of said sheath when said slide is in said forward location; whereby longitudinal movement of said slide extends and retracts said basket.

4. (Original) The medical retrieval device of Claim 1, further comprising:

a slide attached to said handle for longitudinal movement with respect thereto along a path between a rearward location and a forward location,

a hollow sheath mounted to said slide and extending forward from said handle, said sheath having a forward end, and said basket being located at a forward end of said sheath, said sheath being operatively associated with said slide such that said sheath is retracted to expose said basket when said slide is in said rearward location, and said sheath being extended forward to cover said basket when said slide is in said forward location; whereby longitudinal movement of said slide extends and retracts said sheath.

5. (Original) The medical retrieval device of Claim 1, wherein prior to said actuator being rotated, said two legs are separated by a first distance; and wherein when said actuator is operated to displace said two legs in a direction away from said actuator, said two legs are separated by a second distance greater than said first distance.

6. (Original) The medical retrieval device of Claim 1, further comprising a wheel operatively associated with said actuator such that rotation of said wheel rotates said actuator to displace said basket legs.

7. (Original) The medical retrieval device of Claim 3, further comprising a pair of tubes telescopically disposed within said sheath, a first one of said pair of tubes being connected to said first location on said actuator, and a second one of said pair of tubes being connected to said second location on said actuator, and wherein said adjacent two basket legs are connected to said first location on said actuator by said adjacent two basket legs being connected to a forward end of said first tube, and wherein said remainder of said basket legs are connected to said second location on said actuator by said remainder of said basket legs being connected to a forward end of said second tube.

8. (Original) The medical retrieval device of Claim 1, wherein said actuator comprises a drum.

9. (Original) The medical retrieval device of Claim 8, wherein said drum comprises a cylindrical wall, and wherein said first and second locations on said drum are located on said cylindrical wall.

10. (Original) The medical retrieval device of Claim 7, wherein said actuator comprises a drum having a cylindrical outer wall; wherein said first and second locations on said drum are located on said cylindrical wall;

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wherein said drum comprises passages in said cylindrical wall at said first and second locations;

wherein said first one of said pair of tubes is connected to said first location on said drum by a first cable having a first end connected to said first one of said pair of tubes and a second end inserted into said passage at said first location; and

wherein said second one of said pair of tubes is connected to said second location on said drum by a second cable having a first end connected to said second one of said pair of tubes and a second end inserted into said passage at said second location.

11. (Original) The medical retrieval device of Claim 8, wherein said drum comprises an end wall, and wherein said first and second locations on said drum are located on said end wall.

12. (Original) The medical retrieval device of Claim 3,
wherein said rotary actuator comprises a drum having an end wall;
wherein said first and second locations on said drum are located on said end wall;
wherein said drum comprises passages on said end wall at said first and second locations;

wherein each of said pair of tubes comprises a laterally projecting pin at a rearward end thereof;

wherein said first one of said pair of tubes is connected to said first location on said drum by said pin of said first tube being inserted into said passage at said first location; and

wherein said second one of said pair of tubes is connected to said second location on said on said drum by said pin of said second tube being inserted into said passage at said second location.

13. (Original) The medical retrieval device of Claim 3,

wherein said rotary actuator comprises a drum having an end wall;

wherein said first and second locations on said drum are located on said end wall;

wherein said drum comprises pins projecting from said end wall at said first and second locations;

wherein said first one of said pair of tubes is connected to said first location on said drum by a first hook attached to said first one of said pair of tubes and hooked to said pin at said first location; and

wherein said second one of said pair of tubes is connected to said second location on said drum by a second hook attached to said second one of said pair of tubes and hooked to said pin at said second location.

14. (Currently amended) A medical retrieval device comprising:

a handle;

a hollow sheath extending forward from said handle, said sheath having a forward end;

a slide attached to said handle for longitudinal movement with respect thereto along a path between a rearward location and a forward location; and

a basket located at a forward end of said sheath, said basket having at least three legs, two of said legs comprising a continuous loop lying in a plane, said ends of said loop being operatively connected to said slide, and a third leg having a forward end joined to said continuous loop at an intermediate location thereon and a rearward end being operatively connected to said slide, all of said legs of said basket are located on one side of said plane defined by said continuous loop;

said basket being retracted within a forward portion of said sheath when said slide is in said rearward location, and said basket being extended forward of said forward end of said sheath when said slide is in said forward location, whereby longitudinal movement of said slide extends and retracts said basket;

wherein said basket has no legs operatively associated with it which lie
on a side of said plane opposite said one side of said plane defined by
said continuous loop.

15. (Original) The medical retrieval device of Claim 14, wherein said basket further comprises a fourth leg, said fourth leg having a forward end joined to said continuous loop at an intermediate location thereon and a rearward end being operatively connected to said slide, and said fourth leg being located on said one side of said plane defined by said continuous loop.

16. (Original) The medical retrieval device of Claim 14, wherein said loop comprises a first loop, and wherein said third and fourth legs comprise a second continuous loop, said forward ends of said third and fourth legs comprising a midpoint on said second continuous loop, and said ends of said second continuous loop being operatively connected to said slide.

17. (Original) The medical retrieval device of Claim 14, wherein said first and second legs are substantially flat in cross-section, and wherein said third and fourth legs are substantially round in cross-section.

18. (Original) The medical retrieval device of Claim 14, wherein said first and second legs are substantially round in cross-section, and wherein said third and fourth legs are substantially flat in cross-section.

19. (Currently amended) The medical retrieval device of Claim 16, further comprising an actuator means for extending said third and fourth legs with respect to said first and second legs, and

wherein prior to said actuator means being ~~rotated~~ actuated to extend said third and fourth legs with respect to said first and second legs, said third and fourth legs are separated from one another by a first distance; and

wherein when said actuator means is ~~operated to displace~~ actuated to extend said third and fourth legs ~~in a direction away from said actuator~~ with respect to said first and second legs, said third and fourth legs are separated from one another by a second distance greater than said first distance.

20. (Original) A method for retrieving material from a body, comprising:

inserting a medical retrieval device into a body, the device comprising a handle, a hollow sheath extending forward from said handle, said sheath having a forward end, a slide attached to said handle for

longitudinal movement with respect thereto along a path between a rearward location and a forward location, a rotary actuator having an axis of rotation generally transverse to said path of movement of said slide and being mounted to said slide for rotational movement with respect thereto, and a basket located at said forward end of said sheath, said basket having at least three legs, an adjacent two of said legs being connected to a first location on said rotary actuator radially spaced apart from said axis of rotation, and the remainder of said legs being connected to a second location on said rotary actuator radially spaced apart from said axis of rotation and being on an opposite side of said axis of rotation from said first location such that rotation of said rotary actuator displaces said two legs in a first direction with respect to said sheath and displaces the remainder of said legs in a direction opposite said first direction, said basket being retracted within a forward portion of said sheath when said slide is in said rearward location, and said basket being extended forward of said forward end of said sheath when said slide is in said forward location; longitudinally advancing said slide with respect to said handle to extend said basket;

maneuvering said basket to surround the material by rotating said rotary actuator to move at least one of said legs independently from at least one of said other legs;

longitudinally retracting said slide with respect to said handle to retract said basket to grasp the material with the legs of the basket; and withdrawing said device from the body to remove the grasped material from the body.

21. (Original) A medical retrieval device comprising:

a handle;

an actuator having an axis of rotation and being mounted to said handle for rotational movement with respect thereto; and

a basket having at least three legs, an adjacent two of said legs being connected to a location on said actuator radially spaced apart from said axis of rotation such that rotation of said actuator displaces said two legs with respect to said handle, and the remainder of said legs being connected to said handle in fixed relation to said actuator.

22. (Original) The device of Claim 21, further comprising:

a slide attached to said handle for longitudinal movement with respect thereto along a path between a rearward location and a forward location;

wherein said actuator being mounted to said handle for rotational movement with respect thereto comprises said actuator being

mounted to said slide for rotational movement with respect thereto;
and

wherein the remainder of said legs being connected to said handle in
fixed relation to said actuator comprises said legs being connected to
said slide.

23. (Original) The device of Claim 22, further comprising a hollow sheath extending forward from said handle, said sheath having a forward end; said basket being retracted within a forward portion of said sheath when said slide is in said rearward location, and said basket being extended forward of said forward end of said sheath when said slide is in said forward location.

24. (Original) The medical retrieval device of Claim 23, further comprising a pair of tubes telescopically disposed within said sheath, a first one of said pair of tubes being connected to said location on said actuator, and a second one of said pair of tubes being connected to said location on said slide, and wherein said adjacent two basket legs are connected to said location on said actuator by said adjacent two basket legs being connected to a forward end of said first tube, and wherein said remainder of said basket legs are connected to said location on said slide by said remainder of said basket legs being connected to a forward end of said second tube.

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25. (Original) The medical retrieval device of Claim 21, further comprising a wheel operatively associated with said actuator such that rotation of said wheel rotates said actuator to displace said basket legs.

26. (Original) The medical retrieval device of Claim 21, wherein said rotary actuator comprises a drum.

27. (Original) A medical retrieval device comprising:

a handle;

a slide attached to said handle for longitudinal movement with respect thereto along a path between a rearward location and a forward location;

a basket having at least three legs; and

means movably mounted to said slide and operatively associated with at least one of said basket legs for effecting translational movement of said at least one of said basket legs with respect to said slide.

28. (Original) The medical retrieval device of Claim 27, wherein said means movably mounted to said slide and operatively associated with at least one of said basket legs for effecting translational movement of said at least one of said basket legs with respect to said slide comprises a hub

operatively associated with at least one of said basket legs and mounted to said slide for movement with respect thereto,

whereby moving said hub with respect to said slide translates said at least one of said basket legs with respect to said slide.

a 29. (Original) The medical retrieval device of Claim 27, wherein said means movably mounted to said slide and operatively associated with at least one of said basket legs for effecting translational movement of said at least one of said basket legs with respect to said slide comprises means movably mounted to said slide and operatively associated with all of said basket legs for effecting translational movement of at least one of said basket legs with respect to said slide.

30. (Original) The medical retrieval device of Claim 29, wherein said means movably mounted to said slide and operatively associated with all of said basket legs for effecting translational movement of at least one of said basket legs with respect to said slide comprises a pair of hubs movably mounted to said slide, at least one of said basket legs being operatively associated with one of said pair of hubs, and the remaining legs being operatively associated with another of said hubs.

31. (Original) The medical retrieval device of Claim 27, wherein
basket legs other than said at least one basket leg that is operatively associated
with said moving means are fixedly attached to said slide.

